

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Chloroprene Unit

Agency Interest No.: 38806

E. I. DuPont de Nemours & Co. - Pontchartrain Works

Laplace, St. John the Baptist Parish, Louisiana

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT081	1-93 LPC Emergency Flare	LAC 33:III.Chapter 15 Emission Standards for Sulfur Dioxide	DOES NOT APPLY. The provisions of this Chapter do not apply to single point sources that emit or have the potential to emit less than 5 tons per year (tpy) of sulfur dioxide into the atmosphere. [LAC 33:III.1502.A.3 Flare emits 0.01 tpy of sulfur dioxide.]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	DOES NOT APPLY. This source is used only for emergency. Normal routine emissions consist of products of combustion.
		40 CFR 60 Subpart A Standards of Performance for New Stationary Sources – General Provisions	DOES NOT APPLY This flare is not used to control a source subject to New Source Performance Standards (NSPS).
		40 CFR 63 Subpart A NESHAP for Source Categories – General Provisions	DOES NOT APPLY. This flare is not used to control a source subject to the HON.

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XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
Wastewater Streams			
EQT124 EQT126 EQT129 EQT130 EQT133	Steam Trap Condensate Floor Washing & Miscellaneous Sumps Deluge System Water Safety Shower Water ACR Decanter Aqueous Wastewater	40 CFR 63.132 (Subpart G) - HON HON From SOCM I Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Process Wastewater Provisions	DOES NOT APPLY. These streams do not contain organic HAPs (OHAPs).

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

STATE-ONLY SPECIFIC CONDITIONS

Chloroprene Unit

Agency Interest No.: 38806

E. I. DuPont de Nemours & Co. - Pontchartrain Works
Laplace, St. John the Baptist Parish, Louisiana

1. Failure to comply with any of the state's applicable requirements or compliance monitoring devices, activities, or methods listed in this permit will represent a violation of this permit.
2. The Permittee shall maintain the emission point sources below at or below the cooling media temperatures indicated. Valves on the brine lines shall be checked once per shift to ensure they are open. Cooling media temperatures shall be monitored and recorded once per shift. Discharge pressure at the brine header shall be monitored continuously, and the 24 hour rolling average maintained between 45 and 125 psig to indicate flow through the system. Daily records of cooling media temperature, valve checks, and pumps discharge pressure shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Emission Point	Description	Cooling Media Maximum Temperature	Sample Site
1117-1	DCB Storage Tanks Vent (1117 Brine Condenser)	+ 5 degrees C	After refrigeration machine
1110-2A	DCB Storage Tanks Vent (1031 Brine Condenser)	+ 5 degrees C	After refrigeration machine
1110-3	ISOM Reactor Vent (North Condenser) (South Condenser)	0 degrees C + 5 degrees C	Condenser inlet Condenser inlet
1110-4	CD Vent Condenser	+ 5 degrees C	Brine pump outlet
1140-20	Aqueous Storage Vent Condenser	+ 5 degrees C	Brine pump outlet

A report listing the total hours that each of the maximum cooling media temperatures were exceeded shall be submitted to the Office of Environmental Compliance, Enforcement Division with the Annual Title V Certification by March 31st for the preceding calendar year.

3. The Permittee shall operate the packed counter-current scrubber on the DCB Storage Tanks Vent, Emission Point 1117-1, as indicated below:

Scrubbing medium: 3,4-DCB	Maximum cooling media (brine supply) temperature to the scrubbing media cooler: + 5 degrees C (sampled after refrigeration machine)
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The parameters indicated for the scrubber shall be monitored and recorded once per shift. Records shall be kept on site and available for inspection by the Office of Environmental Compliance, Inspection Division.

A report listing the total hours that the maximum cooling media temperature was exceeded shall be submitted to the Office of Environmental Compliance, Enforcement Division with the Annual Title V Certification by March 31st for the preceding calendar year.

PART 70 SPECIFIC CONDITIONS

Chloroprene Unit

Agency Interest No.: 38806

E. I. DuPont de Nemours & Co. - Pontchartrain Works

Laplace, St. John the Baptist Parish, Louisiana

1. Failure to comply with any of the federal applicable requirements or compliance monitoring devices, activities, or methods listed in this permit will represent a violation of this permit.
2. The Permittee shall keep the cooling media (brine) temperature of the CD Reactor System's Strippers (A and B lines) condenser, Emission Point 1110-4, below 10 degrees C to maintain a TRE above 1. The maximum temperature shall be below 10 degrees C to ensure Group 2 process vent status. The temperature of the cooling media (brine) shall be equipped with a continuous recorder per 40 CFR 63 Subpart G. Daily averages of this temperature shall be maintained. Any average temperature outside the range established (10 degrees C) shall be reported in the Periodic Report required under 40 CFR 63.152(c). Records of instrument calibration and maintenance shall be kept on site and available for inspection by the Office of Environmental Compliance, Inspection Division.
3. Permittee shall comply with a streamlined equipment leaks monitoring program. Compliance with the streamlined program in accordance with this specific condition shall serve to comply with each of the fugitive emission monitoring programs being streamlined, as indicated in the following table. Noncompliance with the streamlined program in accordance with this specific condition may subject the permittee to enforcement action for one of the applicable fugitive emissions programs.
 - a. Streamlined program shall be applicable to the combined universe of components subject to any of the programs being streamlined. Any component type which does not require periodic monitoring under the overall most stringent program shall be monitored as required by the most stringent requirements of any other program being streamlined and will not be exempted. The streamlined program will include any exemptions based on size or component available in any of the programs being streamlined.
 - b. Leak definitions and monitoring frequency shall be used based on the overall most stringent program. Percent leaker performance shall be calculated using the provisions of the overall most stringent program. Annual monitoring shall define as once every four quarters. Some allowance may be made in the first year on the streamlined program in order to allow for transition from existing monitoring schedules.
 - c. Permittee shall comply with recordkeeping and reporting requirements of the overall most stringent program. Semiannual reports shall be submitted on August 15 and February 15, to cover the periods from January 1 through June 30, and July 1 through December 31, respectively. The semiannual reports shall include any monitoring performed within the reporting period.

PART 70 SPECIFIC CONDITIONS

Chloroprene Unit

Agency Interest No.: 38806

E. I. DuPont de Nemours & Co. - Pontchartrain Works
Laplace, St. John the Baptist Parish, Louisiana

<u>Unit or Plant Site</u>	<u>Programs Streamlined</u>	<u>Stream Applicability</u>	<u>Overall Most Stringent Program</u>
DuPont Site			
Chloroprene Unit FUG001 FUG002	40 CFR 63 Subpart H-HON LAC 33:III.2121	5% VOHAP 10% VOC	40 CFR 63 Subpart H-HON MACT

General Information

AI ID: 38806 E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

Permit Number: 3000-V5

Air - Title V Regular Permit Minor Mod

Also Known As:

ID	Name	User Group	Start Date
2209500041	AFS (EPA Air Facility System)	AFS (EPA Air Facility System)	01-01-2000
2580-00041	CDS Number	CDS Number	08-23-1973
8026611	EPA EIS Facility Site ID	EPA EIS Facility Site ID	01-01-2008
LA0005924	LPDES #	LPDES Permit #	06-25-2003
WP0603	LWDPS #	LWDPS Permit #	06-25-2003
	Priority 1 Emergency Site	Priority 1 Emergency Site	07-19-2006
LA-2325-L01	Radioactive Material License	Radiation License Number	12-12-2001
1000012504	DuPont Performance Elastomers L.L.C., Pont. Site	Risk Management Plan EPA ID	01-01-2001
GPD-095-8338	Site ID #	Solid Waste Facility No.	07-24-2001
19786	DuPont Pontchartrain Works	TEMPO Merge	03-01-2001
25968	DuPont Dow Elastomers LLC	TEMPO Merge	03-01-2001
70068DPNTD560HW	TRI #	Toxic Release Inventory	07-09-2004

Physical Location:

586 Hwy 44
(portion of)
Laplace, LA 70068

Main Phone: 9855365129

Mailing Address:

586 Hwy 44
Laplace, LA 70068

Location of Front Gate:

30.054722 latitude, -90.523611 longitude, Coordinate Method: Lat.\Long. - DMS, Coordinate Datum: NAD83

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Anthony Fugarino	586 Hwy 44 Laplace, LA 70068	anthony.j.fugarino@	Accident Prevention Contact for
Anthony Fugarino	586 Hwy 44 Laplace, LA 70068	9865365438 (WP)	Accident Prevention Contact for
Anthony Fugarino	586 Hwy 44 Laplace, LA 70068	anthony.j.fugarino@	Accident Prevention Billing Party for
Anthony Fugarino	586 Hwy 44 Laplace, LA 70068	9865365438 (WP)	Accident Prevention Billing Party for
Walter Glenn	586 Hwy 44 Laplace, LA 70068	9855365219 (WP)	Responsible Official for
Walter Glenn	586 Hwy 44 Laplace, LA 70068	9855365219 (WP)	Water Permit Contact For
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365437 (WP)	Water Permit Contact For
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365423 (WF)	Air Permit Contact For
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365423 (WF)	Air Billing Contact for
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365423 (WF)	Water Permit Contact For
Doris Grego	586 Hwy 44 Laplace, LA 70068	Doris.B.Grego@dup	Water Permit Contact For
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365437 (WP)	Air Permit Contact For
Doris Grego	586 Hwy 44 Laplace, LA 70068	Doris.B.Grego@dup	Air Billing Contact for
Doris Grego	586 Hwy 44 Laplace, LA 70068	Doris.B.Grego@dup	Air Permit Contact For

General Information

AI ID: 38806 E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

Permit Number: 3000-V5

Air - Title V Regular Permit Minor Mod

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365437 (WP)	Emission Inventory Facility Contact for
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365423 (WF)	Emission Inventory Facility Contact for
Doris Grego	586 Hwy 44 Laplace, LA 70068	Doris.B.Grego@dupr	Emission Inventory Facility Contact for
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365437 (WP)	Air Billing Contact for
Marc Holder	586 Hwy 44 Laplace, LA 70068	Marc.L.Holder@dupr	Disaster/Emergency Contact for
Marc Holder	586 Hwy 44 Laplace, LA 70068	9855365466 (WP)	Disaster/Emergency Contact for
Kerry Stewart	586 Hwy 44 Laplace, LA 70068	9855365423 (WF)	Radiation Safety Officer for
Kerry Stewart	586 Hwy 44 Laplace, LA 70068	9855365179 (WP)	Radiation Safety Officer for
Kerry Stewart	586 Hwy 44 Laplace, LA 70068	Kerry.J.Stewart@dupr	Radiation Safety Officer for
Kerry Stewart	586 Hwy 44 Laplace, LA 70068	5049092883 (CP)	Radiation Safety Officer for

Related Organizations:

Name	Address	Phone (Type)	Relationship
CT Corporation System	8550 United Plaza Blvd Baton Rouge, LA 70809		Agent of Service for
E I DuPont de Nemours & Co Inc	586 Hwy 44 Laplace, LA 70068	9855365217 (WP)	Operates
E I DuPont de Nemours & Co Inc	586 Hwy 44 Laplace, LA 70068	9855365217 (WP)	Owns
E I DuPont de Nemours & Co Inc	586 Hwy 44 Laplace, LA 70068	9855365217 (WP)	Air Billing Party for
E I DuPont de Nemours & Co Inc	586 Hwy 44 Laplace, LA 70068	9855365217 (WP)	Water Billing Party for
E I DuPont de Nemours & Co Inc	586 Hwy 44 Laplace, LA 70068	9855365217 (WP)	Radiation License Billing Party for
E I DuPont de Nemours & Co Inc	586 Hwy 44 Laplace, LA 70068	9855365217 (WP)	Emission Inventory Billing Party

NAIC Codes:

325212, Synthetic Rubber Manufacturing

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may email your changes to facupdate@la.gov.

EMISSION RATES FOR CRITERIA POLLUTANTS AND CO₂e

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

Permit Number: 3000-V5

Air - Title V Regular Permit Minor Mod

Subject Item	PM10			SO2			NOx			CO		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Chloroprene Unit												
EQT 0003 1110-1B												
EQT 0006 1110-2												
EQT 0013 1110-2A												
EQT 0016 1110-2B												
EQT 0017 1110-3												
EQT 0026 1110-4												
EQT 0027 1110-4B												
EQT 0028 1110-5B												
EQT 0029 1110-9												
EQT 0030 1110-10												
EQT 0031 1110-11												
EQT 0046 1117-1												
EQT 0054 1117-2												
EQT 0055 1117-3												
EQT 0059 1140-20												
EQT 0064 1150-25												
EQT 0067 7000-10A	0.04	0.38	0.16	<0.01	0.03	0.01	0.66	7.07	2.90	0.40	4.24	1.74
EQT 0081 1-93	0.001	0.01	0.004	<0.01	0.02	<0.001	0.02	2.10	0.07	0.003	0.40	0.01
EQT 0098 1110-25												
EQT 0100 1110-25A.1	0.02	55.00	0.06									
EQT 0113 1110-26L												
EQT 0114 1110-26												
EQT 0227 1117-1H												

EMISSION RATES FOR CRITERIA POLLUTANTS AND CO2e

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

Permit Number: 3000-V5

Air - Title V Regular Permit Minor Mod

Subject Item	VOC		
	Avg lb/hr	Max lb/hr	Tons/Year
Chloroprene Unit			
EQT 0003 1110-1B	0.01	0.19	0.06
EQT 0006 1110-2	12.54	22.50	54.80
EQT 0013 1110-2A	0.10	1.85	0.43
EQT 0016 1110-2B	0.01	0.19	0.06
EQT 0017 1110-3	1.74	3.06	7.62
EQT 0026 1110-4	4.20	8.34	18.30
EQT 0027 1110-4B	0.25	2.23	1.07
EQT 0028 1110-5B	0.002	0.032	0.008
EQT 0029 1110-9	0.26	31.00	1.14
EQT 0030 1110-10	0.001	0.002	0.004
EQT 0031 1110-11	<0.001	0.003	0.001
EQT 0046 1117-1	0.06	4.52	0.27
EQT 0054 1117-2	0.001	0.004	0.004
EQT 0055 1117-3	0.001	0.002	0.004
EQT 0059 1140-20	1.11	46.49	4.91
EQT 0064 1150-25	<0.01	0.10	0.01
EQT 0067 7000-10A	1.43	72.63	6.27
EQT 0081 1-93	0.001	0.20	0.004
EQT 0098 1110-25	0.01	0.01	0.04
EQT 0100 1110-25A.1			
EQT 0113 1110-26L	<0.01	<0.01	0.01
EQT 0114 1110-26	1.00	10.00	3.30
EQT 0227 1117-1H	<0.01	<0.01	0.01

EMISSION RATES FOR CRITERIA POLLUTANTS AND CO2e

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

Permit Number: 3000-V5

Air - Title V Regular Permit Minor Mod

Subject Item	PM10			SO2			NOx			CO		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Chloroprene Unit												
EQT 0228 1110-26M												
FUG 0001 3-91												
FUG 0002 1110-22												

EMISSION RATES FOR CRITERIA POLLUTANTS AND CO₂e

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

Permit Number: 3000-V5

Air - Title V Regular Permit Minor Mod

Subject Item	VOC		
	Avg lb/hr	Max lb/hr	Tons/Year
Chloroprene Unit			
EQT 0228 1110-26M	<0.01	<0.01	0.01
FUG 0001 3-91	0.69	1.00	3.02
FUG 0002 1110-22	0.30	0.30	1.30

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

Permit Number: 3000-V5

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0003 1110-1B	Glycol ethers (Table 51.3)	<0.01	0.02	<0.01
	Toluene	0.01	0.17	0.05
EQT 0006 1110-2	1,3-Butadiene	0.94	2.00	4.10
	Chloroprene	0.50	6.50	2.20
	Hydrochloric acid	0.15	0.50	0.66
EQT 0013 1110-2A	Chloroprene	0.005	0.073	0.022
	Hydrochloric acid	0.25	5.50	1.10
EQT 0016 1110-2B	Glycol ethers (Table 51.3)	<0.01	0.02	<0.01
	Toluene	0.01	0.17	0.05
EQT 0017 1110-3	Chloroprene	0.50	0.74	2.19
	Hydrochloric acid	<0.01	0.01	0.03
	Toluene	0.06	0.09	0.26
	Triethyl amine	0.03	0.50	0.13
EQT 0026 1110-4	Chloroprene	4.20	8.34	18.30
	Toluene	0.001	0.001	0.002
EQT 0027 1110-4B	Chloroprene	0.18	1.60	0.79
	Toluene	0.065	0.63	0.28
EQT 0028 1110-5B	Glycol ethers (Table 51.3)	0.001	0.002	0.004
	Toluene	0.001	0.03	0.004
EQT 0029 1110-9	Toluene	0.26	31.00	1.14
EQT 0031 1110-11	Cumene	<0.001	0.001	<0.001
	Xylene (mixed isomers)	<0.001	0.001	<0.001
EQT 0046 1117-1	Chloroprene	<0.01	0.10	<0.01
	Hydrochloric acid	0.31	1.90	1.36
	Toluene	<0.01	0.95	<0.01
EQT 0054 1117-2	Glycol ethers (Table 51.3)	0.001	0.004	0.004
EQT 0059 1140-20	1,3-Butadiene	<0.01	0.26	0.03
	Chloroprene	1.07	45.09	4.70
	Toluene	0.01	0.54	0.06
EQT 0064 1150-25	1,3-Butadiene	<0.001	0.011	<0.001
	Chloroprene	0.001	0.09	0.004
EQT 0065 1192-1	Chlorine	0.01	0.14	0.05
EQT 0066 1192-2	Chlorine	0.01	0.14	0.05
EQT 0067 7000-10A	1,3-Butadiene	1.13	29.66	4.93

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

Permit Number: 3000-V5

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0067 7000-10A	Benzene	<0.01	<0.01	<0.01
	Chloroprene	<0.01	<0.01	<0.01
	Formaldehyde	<0.01	<0.01	<0.01
	Hydrochloric acid	0.02	10.92	0.09
EQT 0114 1110-26	Chlorine	0.001	0.001	0.003
	Hydrochloric acid	0.001	0.001	0.003
FUG 0001 3-91	1,3-Butadiene	0.25	0.30	1.10
	Chloroprene	0.37	0.50	1.62
	Hydrochloric acid	0.17	0.25	0.74
	Toluene	0.05	0.10	0.22
UNF 0003 DuPont	1,3-Butadiene			10.16
	Benzene			<0.01
	Chlorine			0.10
	Chloroprene			29.85
	Cumene			<0.001
	Formaldehyde			<0.01
	Glycol ethers (Table 51.3)			0.03
	Hydrochloric acid			3.98
	Toluene			2.08
	Triethyl amine			0.13

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

INVENTORIES

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

Permit Number: 3000-V5

Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Chloroprene Unit						
EQT 0003	1110-1B - Inhibitor Make-up and Feed Tanks			175000 gallons/yr		8760 hr/yr
EQT 0004	1110-1B.1 - Inhibitor Make-up Tank	283 gallons				8760 hr/yr
EQT 0005	1110-B.2 - Inhibitor Feed Tank	192 gallons				8760 hr/yr
EQT 0006	1110-2 - Refining Jets Vent System			25 ft ³ /min (actual)		8760 hr/yr
EQT 0007	1110-2.1 - JVC Effluent Tank	216 gallons				8760 hr/yr
EQT 0008	1110-2.2 - Pentane Column					8760 hr/yr
EQT 0009	1110-2.3 - Heads Column					8760 hr/yr
EQT 0010	1110-2.4 - Topper Column					8760 hr/yr
EQT 0011	1110-2.5 - Refiner Column					8760 hr/yr
EQT 0012	1110-2.6 - Recovery Column					8760 hr/yr
EQT 0013	1110-2A - DCB Storage Tanks Condenser			3.73 SCFM		8760 hr/yr
EQT 0014	1110-2A.1 - DCB Storage Tank No. 1	146632 gallons				8760 hr/yr
EQT 0015	1110-2A.2 - DCB Storage Tank No. 2	146632 gallons				8760 hr/yr
EQT 0016	1110-2B - Emergency Inhibitor Make-up Tank	291 gallons		175000 gallons/yr		8760 hr/yr
EQT 0017	1110-3 - Isom Reactor Vent System			12 ft ³ /min (actual)		8760 hr/yr
EQT 0018	1110-3A - Isom JVC Effluent Tank	635 gallons				8760 hr/yr
EQT 0019	1110-3B - TEA Storage Tank	1734 gallons				8760 hr/yr
EQT 0020	1110-3C - TEA Burette	83 gallons				8760 hr/yr
EQT 0021	1110-3D - Catalyst Mix Tank	1190 gallons				8760 hr/yr
EQT 0022	1110-3E - Catalyst Feed Tank	6086 gallons				8760 hr/yr
EQT 0023	1110-3F - Isom Purge Tank	12925 gallons				8760 hr/yr
EQT 0024	1110-3H - Isom Distillation Column					8760 hr/yr
EQT 0025	1110-3I - Isom Reactors					8760 hr/yr
EQT 0026	1110-4 - CD Vent Condenser			4.9 ft ³ /min (actual)		8760 hr/yr
EQT 0027	1110-4B - Catalyst Sludge Receiver	6100 gallons				8760 hr/yr
EQT 0028	1110-5B - Emergency Inhibitor Feed Tank	295 gallons				8760 hr/yr
EQT 0029	1110-9 - Toluene Storage Tank	19037 gallons				8760 hr/yr
EQT 0030	1110-10 - Reaction Modifier Totes	312 gallons				8760 hr/yr
EQT 0031	1110-11 - Reboiler Antifoulant Totes	312 gallons				8760 hr/yr
EQT 0046	1117-1 - DCB Storage Tanks Vent			12.1 SCFM		8760 hr/yr
EQT 0047	1117-1A - West Crude Tank	73445 gallons				8760 hr/yr
EQT 0048	1117-1B - East Crude Tank	73445 gallons				8760 hr/yr
EQT 0049	1117-1C - 1,4-DCB Tank	142189 gallons				8760 hr/yr
EQT 0050	1117-1D - Swing Tank	142189 gallons				8760 hr/yr
EQT 0051	1117-1E - HCl Feed Tank	19320 gallons				8760 hr/yr
EQT 0052	1117-1F - Waste Organic Tank	19350 gallons				8760 hr/yr
EQT 0053	1117-1G - t-1,4-DCB Tank	25750 gallons				8760 hr/yr
EQT 0054	1117-2 - Cellosolve Storage Tank	7098 gallons				8760 hr/yr
EQT 0055	1117-3 - CD Catalyst Tank	9448 gallons				8760 hr/yr

INVENTORIES

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

Permit Number: 3000-V5

Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Chloroprene Unit						
EQT 0059	1140-20 - Aqueous Storage Vent Condenser					8760 hr/yr
EQT 0060	1140-20A - Diversion Tank	675400 gallons				8760 hr/yr
EQT 0061	1140-20B - Aqueous Clarifier Tank	470045 gallons				8760 hr/yr
EQT 0062	1140-20C - No.1 CD Brine Tank	470580 gallons				8760 hr/yr
EQT 0063	1140-20D - No.2 CD Brine Tank	470045 gallons				8760 hr/yr
EQT 0064	1150-25 - Emergency Aqueous Tank	298000 gallons				8760 hr/yr
EQT 0065	1192-1 - Chlorine Neutralization Tank North	9953 gallons				8760 hr/yr
EQT 0066	1192-2 - Chlorine Neutralization Tank South	9953 gallons				8760 hr/yr
EQT 0067	7000-10A - Monomer Flare			426 ft ³ /min		8760 hr/yr
EQT 0068	7000-10A.1 - Diluent Tank	19459 gallons				8760 hr/yr
EQT 0069	7000-10A.2 - Pentane Tank	19484 gallons				8760 hr/yr
EQT 0070	7000-10A.3 - NMP Storage Tank	5402 gallons				8760 hr/yr
EQT 0071	7000-10A.4 - Flare Tank Separator	1000 gallons				8760 hr/yr
EQT 0072	7000-10A.5 - Mole Sieve Vent					8760 hr/yr
EQT 0073	7000-10A.6 - Mole Sieve Regeneration Gas					8760 hr/yr
EQT 0081	1-93 - LPC Emergency Flare			426 ft ³ /min		8760 hr/yr
EQT 0098	1110-25 - PTZ/NMP Tanks (1110-25A & 1110-25 B) Common Vent				VOC common vent for tanks 1110-25A and 1110-25B)	8760 hr/yr
EQT 0099	1110-25A - NMP/PTZ Make-up Tank	325 gallons			this tank has two emission points (1110-25A.1 and 1110-25A)	8760 hr/yr
EQT 0100	1110-25A.1 - PTZ/NMP Make-up Tank (110-25A) Manhole Vent				Particulate vent for tank 1110- 25A	8760 hr/yr
EQT 0101	1110-25B - NMP/PTZ Storage Tank	450 gallons				8760 hr/yr
EQT 0102	1110-26A - DCB Chlorinator	194 gallons				6552 hr/yr
EQT 0103	1110-26B - Vacuum Pump					6552 hr/yr
EQT 0104	1110-26C - MD Condenser					6552 hr/yr
EQT 0105	1110-26D - MD Separator					6552 hr/yr
EQT 0106	1110-26E - MD Bubble Column	125 gallons				6552 hr/yr
EQT 0107	1110-26F - MD Pre-reactor	47 gallons				6552 hr/yr
EQT 0108	1110-26G - ACR Chlorinator Separator					6552 hr/yr
EQT 0109	1110-26H - ACR Chlorinator					6552 hr/yr
EQT 0110	1110-26I - MD Heels Decanter					6552 hr/yr
EQT 0111	1110-26J - Crude ACR Decanter	250 gallons				6552 hr/yr
EQT 0112	1110-26K - Decanter Standpipe					6552 hr/yr
EQT 0113	1110-26L - Chlorinated ACR Transfer Tank	1210 gallons				8760 hr/yr
EQT 0114	1110-26 - ACR Process Vent					6552 hr/yr
EQT 0115	- DCB Refining JVC Effluent Stream					8760 hr/yr
EQT 0116	- ISOM JVC Effluent Stream					8760 hr/yr
EQT 0117	- Caustic Scrubber Letdown					8760 hr/yr

INVENTORIES

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

Permit Number: 3000-V5

Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Chloroprene Unit						
EQT 0118	- Water Layer Tank Letdown					8760 hr/yr
EQT 0119	- CD Brine					8760 hr/yr
EQT 0120	- Power Area Mole Sieve Header Knock Out Pot Flush Water					8760 hr/yr
EQT 0121	- Flare Stack Knock Out Pot Water					8760 hr/yr
EQT 0122	- Butadiene Sphere Wash Water					8760 hr/yr
EQT 0123	- Hydroblasting Wash Water					8760 hr/yr
EQT 0124	- Steam Trap Condensate					8760 hr/yr
EQT 0125	- Water Washings of Columns and Equipment					8760 hr/yr
EQT 0126	- Floor Washing & Miscellaneous Sumps					8760 hr/yr
EQT 0127	- 1192 Cleaning Blasting Pad Water					8760 hr/yr
EQT 0128	- Greenhouse Sump Water					8760 hr/yr
EQT 0129	- Deluge System Water					8760 hr/yr
EQT 0130	- Safety Shower Water					8760 hr/yr
EQT 0131	- Primary & Secondary CD Decanter NaCl Brine Water					8760 hr/yr
EQT 0132	- Water Floatout of CD Reactors					8760 hr/yr
EQT 0133	- ACR Decanter Aqueous Wastewater					8760 hr/yr
EQT 0227	1117-1H - Recovery Tails Tank	19400 gallons				8760 hr/yr
EQT 0228	1110-26M - ACR/Water Decanter	100 gallons				8760 hr/yr
FUG 0001	3-91 - Chloroprene Unit - Fugitive Emissions					8760 hr/yr
FUG 0002	1110-22 - ACR Process - Fugitive Emissions					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Chloroprene Unit							
EQT 0003	1110-1B - Inhibitor Make-up and Feed Tanks	.01	.01	.17		65.6	77
EQT 0006	1110-2 - Refining Jets Vent System	4.87	25	.33		98	75
EQT 0013	1110-2A - DCB Storage Tanks Condenser	.71	3.73	.33		23.5	86
EQT 0016	1110-2B - Emergency Inhibitor Make-up Tank	.01	.01	.17		65.6	77
EQT 0017	1110-3 - Isom Reactor Vent System	4.08	12	.25		58.4	86
EQT 0026	1110-4 - CD Vent Condenser	15.1	4.9	.08		72	60
EQT 0027	1110-4B - Catalyst Sludge Receiver	.14	.19	.17		80	86
EQT 0028	1110-5B - Emergency Inhibitor Feed Tank	.01	.01	.21		5	77
EQT 0029	1110-9 - Toluene Storage Tank	.02	.25	.17		27.9	86
EQT 0030	1110-10 - Reaction Modifier Totes	1.26	.1	.04		5	80

INVENTORIES

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

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Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Chloroprene Unit							
EQT 0031	1110-11 - Reboiler Antifoulant Totes	1.26	.1	.04		5	75
EQT 0046	1117-1 - DCB Storage Tanks Vent	2.3	12	.33		50	83
EQT 0054	1117-2 - Cellosolve Storage Tank	0	0	.5		25	77
EQT 0055	1117-3 - CD Catalyst Tank	0	0	.25		30	77
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	.69	3.55	.33		53.1	41
EQT 0064	1150-25 - Emergency Aqueous Tank	.08	.44	.33		30.1	86
EQT 0065	1192-1 - Chlorine Neutralization Tank North	.02	.7	.83		30.6	82
EQT 0066	1192-2 - Chlorine Neutralization Tank South	.02	.7	.83		30.6	82
EQT 0067	7000-10A - Monomer Flare	60.6	120654	6.5		129	1832
EQT 0081	1-93 - LPC Emergency Flare	60.6	2860.2	1		185	1832
EQT 0098	1110-25 - PTZ/NMP Tanks (1110-25A & 1110-25 B) Common Vent	.88	1.2	.17		120	75
EQT 0100	1110-25A.1 - PTZ/NMP Make-up Tank (110-25A) Manhole Vent	.88	1.2	.17		25	75
EQT 0114	1110-26 - ACR Process Vent	.06	.72	.5		120	83.5
FUG 0001	3-91 - Chloroprene Unit - Fugitive Emissions		0			3	80
FUG 0002	1110-22 - ACR Process - Fugitive Emissions		0			3	

Relationships:

ID	Description	Relationship	ID	Description
EQT 0004	1110-1B.1 - Inhibitor Make-up Tank	Vents to	EQT 0003	1110-1B - Inhibitor Make-up and Feed Tanks
EQT 0005	1110-B.2 - Inhibitor Feed Tank	Vents to	EQT 0003	1110-1B - Inhibitor Make-up and Feed Tanks
EQT 0007	1110-2.1 - JVC Effluent Tank	Vents to	EQT 0006	1110-2 - Refining Jets Vent System
EQT 0008	1110-2.2 - Pentane Column	Vents to	EQT 0006	1110-2 - Refining Jets Vent System
EQT 0009	1110-2.3 - Heads Column	Vents to	EQT 0006	1110-2 - Refining Jets Vent System
EQT 0010	1110-2.4 - Topper Column	Vents to	EQT 0006	1110-2 - Refining Jets Vent System
EQT 0011	1110-2.5 - Refiner Column	Vents to	EQT 0006	1110-2 - Refining Jets Vent System
EQT 0012	1110-2.6 - Recovery Column	Vents to	EQT 0006	1110-2 - Refining Jets Vent System
EQT 0014	1110-2A.1 - DCB Storage Tank No. 1	Vents to	EQT 0013	1110-2A - DCB Storage Tanks Condenser
EQT 0015	1110-2A.2 - DCB Storage Tank No. 2	Vents to	EQT 0013	1110-2A - DCB Storage Tanks Condenser
EQT 0018	1110-3A - Isom JVC Effluent Tank	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System
EQT 0019	1110-3B - TEA Storage Tank	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System
EQT 0020	1110-3C - TEA Burette	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System
EQT 0021	1110-3D - Catalyst Mix Tank	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System
EQT 0022	1110-3E - Catalyst Feed Tank	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System
EQT 0023	1110-3F - Isom Purge Tank	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System

INVENTORIES

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Activity Number: PER20140003

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Relationships:

ID	Description	Relationship	ID	Description
EQT 0024	1110-3H - Isom Distillation Column	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System
EQT 0025	1110-3I - Isom Reactors	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System
EQT 0047	1117-1A - West Crude Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent
EQT 0048	1117-1B - East Crude Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent
EQT 0049	1117-1C - 1,4-DCB Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent
EQT 0050	1117-1D - Swing Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent
EQT 0051	1117-1E - HCl Feed Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent
EQT 0052	1117-1F - Waste Organic Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent
EQT 0053	1117-1G - t-1,4,-DCB Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0120	- Power Area Mole Sieve Header Knock Out Pot Flush Water
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0121	- Flare Stack Knock Out Pot Water
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0122	- Butadiene Sphere Wash Water
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0123	- Hydroblasting Wash Water
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0125	- Water Washings of Columns and Equipment
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0127	- 1192 Cleaning Blasting Pad Water
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0128	- Greenhouse Sump Water
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0131	- Primary & Secondary CD Decanter NaCl Brine Water
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0132	- Water Floatout of CD Reactors
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0118	- Water Layer Tank Letdown
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0117	- Caustic Scrubber Letdown
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0116	- ISOM JVC Effluent Stream
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0115	- DCB Refining JVC Effluent Stream
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0119	- CD Brine
EQT 0060	1140-20A - Diversion Tank	Vents to	EQT 0059	1140-20 - Aqueous Storage Vent Condenser
EQT 0061	1140-20B - Aqueous Clarifier Tank	Vents to	EQT 0059	1140-20 - Aqueous Storage Vent Condenser
EQT 0062	1140-20C - No.1 CD Brine Tank	Vents to	EQT 0059	1140-20 - Aqueous Storage Vent Condenser
EQT 0063	1140-20D - No.2 CD Brine Tank	Vents to	EQT 0059	1140-20 - Aqueous Storage Vent Condenser
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0119	- CD Brine
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0120	- Power Area Mole Sieve Header Knock Out Pot Flush Water
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0115	- DCB Refining JVC Effluent Stream
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0122	- Butadiene Sphere Wash Water
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0123	- Hydroblasting Wash Water
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0125	- Water Washings of Columns and Equipment
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0127	- 1192 Cleaning Blasting Pad Water
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0128	- Greenhouse Sump Water
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0131	- Primary & Secondary CD Decanter NaCl Brine Water

INVENTORIES

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Relationships:

ID	Description	Relationship	ID	Description
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0132	- Water Floatout of CD Reactors
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0118	- Water Layer Tank Letdown
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0117	- Caustic Scrubber Letdown
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0116	- ISOM JVC Effluent Stream
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0121	- Flare Stack Knock Out Pot Water
EQT 0067	7000-10A - Monomer Flare	Controls emissions from	EQT 0069	7000-10A.2 - Pentane Tank
EQT 0067	7000-10A - Monomer Flare	Controls emissions from	EQT 0068	7000-10A.1 - Diluent Tank
EQT 0067	7000-10A - Monomer Flare	Controls emissions from	EQT 0070	7000-10A.3 - NMP Storage Tank
EQT 0067	7000-10A - Monomer Flare	Controls emissions from	EQT 0073	7000-10A.6 - Mole Sieve Regeneration Gas
EQT 0067	7000-10A - Monomer Flare	Controls emissions from	EQT 0072	7000-10A.5 - Mole Sieve Vent
EQT 0067	7000-10A - Monomer Flare	Controls emissions from	EQT 0071	7000-10A.4 - Flare Tank Separator
EQT 0099	1110-25A - NMP/PTZ Make-up Tank	Vents to	EQT 0098	1110-25 - PTZ/NMP Tanks (1110-25A & 1110-25 B) Common Vent
EQT 0099	1110-25A - NMP/PTZ Make-up Tank	Receiver, (receives liquids from)	EQT 0101	1110-25B - NMP/PTZ Storage Tank
EQT 0101	1110-25B - NMP/PTZ Storage Tank	Vents to	EQT 0098	1110-25 - PTZ/NMP Tanks (1110-25A & 1110-25 B) Common Vent
EQT 0102	1110-26A - DCB Chlorinator	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0103	1110-26B - Vacuum Pump	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0104	1110-26C - MD Condenser	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0105	1110-26D - MD Separator	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0106	1110-26E - MD Bubble Column	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0107	1110-26F - MD Pre-reactor	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0108	1110-26G - ACR Chlorinator Separator	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0109	1110-26H - ACR Chlorinator	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0110	1110-26I - MD Heels Decanter	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0111	1110-26J - Crude ACR Decanter	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0112	1110-26K - Decanter Standpipe	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0113	1110-26L - Chlorinated ACR Transfer Tank	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0227	1117-1H - Recovery Tails Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent

Subject Item Groups:

ID	Group Type	Group Description
UNF 0003	Unit or Facility Wide	DuPont - Chloroprene Unit

Group Membership:

INVENTORIES

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

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Air - Title V Regular Permit Minor Mod

Group Membership:

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0620	0620 Halogenated Hydrocarbons (Rated Capacity)	290	MM lbs/yr

SIC Codes:

2869	Industrial organic chemicals, nec	AI 38806
2869	Industrial organic chemicals, nec	UNF 003

SPECIFIC REQUIREMENTS

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

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EQT 0006 1110-2 - Refining Jets Vent System

- 1 [40 CFR 63.113(e)] TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)]
Which Months: All Year Statistical Basis: None specified
- 2 [40 CFR 63.115(e)] Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
- 3 [40 CFR 63.117(b)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
- 4 [40 CFR 63.118(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
- 5 [40 CFR 63.118(h)] Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
- 6 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
- 7 [LAC 33:III.501.C.6] Flow indication monitored by visual inspection/determination once every shift during operation to confirm that the scrubber is functioning properly. In order to ensure the scrubber is working properly, the area operator shall check the following: water valve to the vent scrubber is open, water is flowing through the vent scrubber, and there are no visible emissions from the scrubber. (State-Only Requirement).
Which Months: All Year Statistical Basis: None specified
- 8 [LAC 33:III.501.C.6] Flow indication recordkeeping by electronic or hard copy once every shift during operation to confirm that the scrubber is functioning properly. Records of operations shall be maintained on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. (State-Only Requirement).
- 9 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber was not in operation. Submit report to the Office of Environmental Compliance, Enforcement Division. (State-Only Requirement).

EQT 0007 1110-2.1 - JVC Effluent Tank

- 10 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Tank is routed to EIQ No. 1110-2 (Refining Jets Vent System). No further control is determined as MACT.

EQT 0008 1110-2.2 - Pentane Column

- 11 [40 CFR 63.113(e)] TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

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EQT 0008 1110-2.2 - Pentane Column

- 12 [40 CFR 63.115(e)] Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
- 13 [40 CFR 63.117(b)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
- 14 [40 CFR 63.118(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
- 15 [40 CFR 63.118(h)] Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
- 16 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0009 1110-2.3 - Heads Column

- 17 [40 CFR 63.113(e)] TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)]
Which Months: All Year Statistical Basis: None specified
- 18 [40 CFR 63.115(e)] Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
- 19 [40 CFR 63.117(b)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
- 20 [40 CFR 63.118(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
- 21 [40 CFR 63.118(h)] Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
- 22 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0010 1110-2.4 - Topper Column

SPECIFIC REQUIREMENTS

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

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EQT 0010 1110-2.4 - Topper Column

- 23 [40 CFR 63.113(e)] TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)]
Which Months: All Year Statistical Basis: None specified
- 24 [40 CFR 63.115(e)] Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
- 25 [40 CFR 63.117(b)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
- 26 [40 CFR 63.118(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
- 27 [40 CFR 63.118(h)] Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
- 28 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0011 1110-2.5 - Refiner Column

- 29 [40 CFR 63.113(e)] TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)]
Which Months: All Year Statistical Basis: None specified
- 30 [40 CFR 63.115(e)] Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
- 31 [40 CFR 63.117(b)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
- 32 [40 CFR 63.118(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
- 33 [40 CFR 63.118(h)] Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
- 34 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

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EQT 0012 1110-2.6 - Recovery Column

- 35 [40 CFR 63.113(e)] TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)]
Which Months: All Year Statistical Basis: None specified
- 36 [40 CFR 63.114(d)(2)] Bypass lines: Secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration. Subpart G. [40 CFR 63.114(d)(2)]
- 37 [40 CFR 63.115(e)] Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
- 38 [40 CFR 63.117(b)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
- 39 [40 CFR 63.118(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
- 40 [40 CFR 63.118(h)] Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
- 41 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0013 1110-2A - DCB Storage Tanks Condenser

- 42 [LAC 33:III.501.C.6] The Permittee shall operate this source within the outlined parameters as specified in State-Only Specific Condition No. 2 of this permit. (State-Only Requirement).
- 43 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. The tanks serviced by this condenser store an organic liquid that contains an organic HAP only as an impurity (40 CFR 63.101, storage vessel definition). No further control determined as MACT.

EQT 0014 1110-2A.1 - DCB Storage Tank No. 1

- 44 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Since this tank stores an organic liquid that contains an organic HAP only as an impurity, no further control is determined as MACT(40 CFR 63.101, storage vessel definition).

EQT 0015 1110-2A.2 - DCB Storage Tank No. 2

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EQT 0015 1110-2A.2 - DCB Storage Tank No. 2

- 45 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Since this tank stores an organic liquid that contains an organic HAP only as an impurity, no further control is determined as MACT(40 CFR 63.101, storage vessel definition).

EQT 0017 1110-3 - Isom Reactor Vent System

- 46 [40 CFR 63.113(e)] TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)]
Which Months: All Year Statistical Basis: None specified
- 47 [40 CFR 63.115(e)] Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
- 48 [40 CFR 63.117(b)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
- 49 [40 CFR 63.118(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
- 50 [40 CFR 63.118(h)] Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
- 51 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
- 52 [LAC 33:III.501.C.6] Flow indication monitored by visual inspection/determination once every shift during operation to confirm that the scrubber is functioning properly. In order to ensure the scrubber is working properly, the area operator shall check the following: water valve to the vent scrubber is open, water is flowing through the vent scrubber, and there are no visible emissions from the scrubber. (State-Only Requirement).
Which Months: All Year Statistical Basis: None specified
- 53 [LAC 33:III.501.C.6] Flow indication recordkeeping by electronic or hard copy once every shift during operation to confirm that the scrubber is functioning properly. Records of operations shall be maintained on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. (State-Only Requirement).
- 54 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber was not in operation. Submit report to the Office of Environmental Compliance, Enforcement Division. (State-Only Requirement).
- 55 [LAC 33:III.501.C.6] The Permittee shall operate this source within the outlined parameters as specified in State-Only Specific Condition No. 2 of this permit. (State-Only Requirement).

EQT 0024 1110-3H - Isom Distillation Column

SPECIFIC REQUIREMENTS

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EQT 0024 1110-3H - Isom Distillation Column

- 56 [40 CFR 63.113(e)] TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)]
Which Months: All Year Statistical Basis: None specified
- 57 [40 CFR 63.115(e)] Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
- 58 [40 CFR 63.117(b)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
- 59 [40 CFR 63.118(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
- 60 [40 CFR 63.118(h)] Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
- 61 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0025 1110-3I - Isom Reactors

- 62 [40 CFR 63.113(e)] TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)]
Which Months: All Year Statistical Basis: None specified
- 63 [40 CFR 63.115(e)] Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
- 64 [40 CFR 63.117(b)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
- 65 [40 CFR 63.118(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
- 66 [40 CFR 63.118(h)] Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
- 67 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

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EQT 0026 1110-4 - CD Vent Condenser

- 68 [40 CFR 63.113(d)] TRE index value > 1.0 (no units). Subpart G. [40 CFR 63.113(d)]
Which Months: All Year Statistical Basis: None specified
- 69 [40 CFR 63.115(e)] Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
- 70 [40 CFR 63.117(a)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]
- 71 [40 CFR 63.118(b)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.118(b)(1) and (b)(2). Subpart G. [40 CFR 63.118(b)]
- 72 [40 CFR 63.118(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
- 73 [40 CFR 63.118(g)] Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent to become a Group 1 process vent. Include the information specified in 40 CFR 63.118(g)(1) through (g)(3). Subpart G. [40 CFR 63.118(g)]
- 74 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
- 75 [LAC 33:III.501.C.6] The Permittee shall operate this source within the outlined parameters as specified in Part 70 Specific Condition No. 2 and State-Only Specific Condition No. 2 in this permit.

EQT 0027 1110-4B - Catalyst Sludge Receiver

- 76 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Since the volume of this vessel is less than 75 cubic meters (19,813 gallons), no additional control is determined as MACT (40 CFR 63.101, storage vessel definition).

EQT 0029 1110-9 - Toluene Storage Tank

- 77 [40 CFR 63.123(a)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart G. [40 CFR 63.123(a)]

EQT 0046 1117-1 - DCB Storage Tanks Vent

- 78 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the source. Note: This requirement is only applicable to EQT051 (Source ID No. 1117-1E HCl Feed Tank) and EQT053 (Source ID No. 1117-1G t-1,4-DCB Tank). [40 CFR 60.116b(b)]

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EQT 0046 1117-1 - DCB Storage Tanks Vent

- 79 [40 CFR 63.123(a)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart G. [40 CFR 63.123(a)]
- 80 [LAC 33:III.501.C.6] The Permittee shall operate this source within the outlined parameters as listed in State-Only Specific Conditions 2 and 3 in this permit. (State-Only Requirement).

EQT 0047 1117-1A - West Crude Tank

- 81 [40 CFR 63.123(a)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart G. [40 CFR 63.123(a)]

EQT 0048 1117-1B - East Crude Tank

- 82 [40 CFR 63.123(a)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart G. [40 CFR 63.123(a)]

EQT 0050 1117-1D - Swing Tank

- 83 [40 CFR 63.123(a)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart G. [40 CFR 63.123(a)]

EQT 0051 1117-1E - HCI Feed Tank

- 84 [40 CFR 63.123(a)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart G. [40 CFR 63.123(a)]

EQT 0052 1117-1F - Waste Organic Tank

- 85 [40 CFR 63.123(a)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart G. [40 CFR 63.123(a)]

EQT 0053 1117-1G - t-1,4,-DCB Tank

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EQT 0053 1117-1G - t-1,4,-DCB Tank

- 86 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the source. [40 CFR 60.116b(b)]

EQT 0059 1140-20 - Aqueous Storage Vent Condenser

- 87 [40 CFR 63.132(a)(1)] Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1)(i) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)]
- 88 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8). [40 CFR 63.132(a)(3)]
- 89 [40 CFR 63.132(c)] Determine total annual average concentration of Table 9 compounds according to the procedures in 40 CFR 63.144(b), and determine annual average flow rate according to the procedures in 40 CFR 63.144(c), to determine whether a wastewater stream is Group 1 or Group 2 for Table 9 compounds. Subpart G. [40 CFR 63.132(c)]
- 90 [40 CFR 63.132(f)] Do not discard liquid or solid organic materials with a concentration of greater than 10,000 ppm of Table 9 compounds (as determined by analysis of the stream composition, engineering calculations, or process knowledge, according to the provisions of 40 CFR 63.144(b)) from a chemical manufacturing process unit to water or wastewater, unless the receiving stream is managed and treated as a Group 1 wastewater stream. Subpart G. [40 CFR 63.132(f)]
- 91 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
- 92 [LAC 33:III.501.C.6] The Permittee shall operate this source within the outlined parameters as specified in State-Only Specific Condition No. 2 of this permit. (State-Only Requirement).

EQT 0060 1140-20A - Diversion Tank

- 93 [40 CFR 63.132(a)(1)] Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1)(i) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)]
- 94 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8). [40 CFR 63.132(a)(3)]
- 95 [40 CFR 63.132(c)] Determine total annual average concentration of Table 9 compounds according to the procedures in 40 CFR 63.144(b), and determine annual average flow rate according to the procedures in 40 CFR 63.144(c), to determine whether a wastewater stream is Group 1 or Group 2 for Table 9 compounds. Subpart G. [40 CFR 63.132(c)]
- 96 [40 CFR 63.132(f)] Do not discard liquid or solid organic materials with a concentration of greater than 10,000 ppm of Table 9 compounds (as determined by analysis of the stream composition, engineering calculations, or process knowledge, according to the provisions of 40 CFR 63.144(b)) from a chemical manufacturing process unit to water or wastewater, unless the receiving stream is managed and treated as a Group 1 wastewater stream. Subpart G. [40 CFR 63.132(f)]

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EQT 0061 1140-20B - Aqueous Clarifier Tank

- 97 [40 CFR 63.132(a)(1)] Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1)(i) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)]
- 98 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8). [40 CFR 63.132(a)(3)]
- 99 [40 CFR 63.132(c)] Determine total annual average concentration of Table 9 compounds according to the procedures in 40 CFR 63.144(b), and determine annual average flow rate according to the procedures in 40 CFR 63.144(c), to determine whether a wastewater stream is Group 1 or Group 2 for Table 9 compounds. Subpart G. [40 CFR 63.132(c)]
- 100 [40 CFR 63.132(f)] Do not discard liquid or solid organic materials with a concentration of greater than 10,000 ppm of Table 9 compounds (as determined by analysis of the stream composition, engineering calculations, or process knowledge, according to the provisions of 40 CFR 63.144(b)) from a chemical manufacturing process unit to water or wastewater, unless the receiving stream is managed and treated as a Group 1 wastewater stream. Subpart G. [40 CFR 63.132(f)]

EQT 0062 1140-20C - No.1 CD Brine Tank

- 101 [40 CFR 63.132(a)(1)] Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1)(i) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)]
- 102 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8). [40 CFR 63.132(a)(3)]
- 103 [40 CFR 63.132(c)] Determine total annual average concentration of Table 9 compounds according to the procedures in 40 CFR 63.144(b), and determine annual average flow rate according to the procedures in 40 CFR 63.144(c), to determine whether a wastewater stream is Group 1 or Group 2 for Table 9 compounds. Subpart G. [40 CFR 63.132(c)]
- 104 [40 CFR 63.132(f)] Do not discard liquid or solid organic materials with a concentration of greater than 10,000 ppm of Table 9 compounds (as determined by analysis of the stream composition, engineering calculations, or process knowledge, according to the provisions of 40 CFR 63.144(b)) from a chemical manufacturing process unit to water or wastewater, unless the receiving stream is managed and treated as a Group 1 wastewater stream. Subpart G. [40 CFR 63.132(f)]

EQT 0063 1140-20D - No.2 CD Brine Tank

- 105 [40 CFR 63.132(a)(1)] Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1)(i) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)]
- 106 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8). [40 CFR 63.132(a)(3)]
- 107 [40 CFR 63.132(c)] Determine total annual average concentration of Table 9 compounds according to the procedures in 40 CFR 63.144(b), and determine annual average flow rate according to the procedures in 40 CFR 63.144(c), to determine whether a wastewater stream is Group 1 or Group 2 for Table 9 compounds. Subpart G. [40 CFR 63.132(c)]

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EQT 0063 1140-20D - No.2 CD Brine Tank

- 108 [40 CFR 63.132(f)] Do not discard liquid or solid organic materials with a concentration of greater than 10,000 ppm of Table 9 compounds (as determined by analysis of the stream composition, engineering calculations, or process knowledge, according to the provisions of 40 CFR 63.144(b)) from a chemical manufacturing process unit to water or wastewater, unless the receiving stream is managed and treated as a Group 1 wastewater stream. Subpart G. [40 CFR 63.132(f)]

EQT 0064 1150-25 - Emergency Aqueous Tank

- 109 [40 CFR 63.132(a)(1)] Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1)(i) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)]
- 110 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8). [40 CFR 63.132(a)(3)]
- 111 [40 CFR 63.132(c)] Determine total annual average concentration of Table 9 compounds according to the procedures in 40 CFR 63.144(b), and determine annual average flow rate according to the procedures in 40 CFR 63.144(c), to determine whether a wastewater stream is Group 1 or Group 2 for Table 9 compounds. Subpart G. [40 CFR 63.132(c)]
- 112 [40 CFR 63.132(f)] Do not discard liquid or solid organic materials with a concentration of greater than 10,000 ppm of Table 9 compounds (as determined by analysis of the stream composition, engineering calculations, or process knowledge, according to the provisions of 40 CFR 63.144(b)) from a chemical manufacturing process unit to water or wastewater, unless the receiving stream is managed and treated as a Group 1 wastewater stream. Subpart G. [40 CFR 63.132(f)]

EQT 0067 7000-10A - Monomer Flare

- 113 [40 CFR 63.11(b)(1)] Monitor flares to assure that they are operated and maintained in conformance with their designs. Subpart A. [40 CFR 63.11(b)(1)]
- 114 [40 CFR 63.11(b)(3)] Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 63.11(b)(3)]
- 115 [40 CFR 63.11(b)(4)] Design and operate for no visible emissions, as determined using Test Method 22 in Appendix A of 40 CFR 60, except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 63.11(b)(4)]
- 116 [40 CFR 63.11(b)(5)] Operate with a flame present at all times. Subpart A. [40 CFR 63.11(b)(5)]
- 117 [40 CFR 63.11(b)(5)] Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flame. Subpart A. [40 CFR 63.11(b)(5)]
Which Months: All Year Statistical Basis: None specified
- 118 [40 CFR 63.11(b)(6)(ii)] Heat content ≥ 300 BTU/scf (11.2 MJ/scm). Determine the net heating value of the gas being combusted using the equation specified in 40 CFR 63.11(b)(6)(ii). Subpart A. [40 CFR 63.11(b)(6)(ii)]
Which Months: All Year Statistical Basis: None specified
- 119 [40 CFR 63.11(b)(7)(iii)] Exit Velocity < 400 ft/sec and V_{max} , as determined by the method specified in 40 CFR 63.11(b)(7)(i). Determine V_{max} using the method specified in 40 CFR 63.11(b)(7)(iii). Subpart A. [40 CFR 63.11(b)(7)(iii)]
Which Months: All Year Statistical Basis: None specified
- 120 [40 CFR 63.113(a)(1)(i)] Comply with the provisions of 40 CFR 63.11(b). Subpart G. [40 CFR 63.113(a)(1)(i)]

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EQT 0067 7000-10A - Monomer Flare

- 121 [40 CFR 63.114(a)(2)] Presence of a flame monitored by the regulation's specified method(s) continuously. Subpart G. [40 CFR 63.114(a)(2)]
Which Months: All Year Statistical Basis: None specified
- 122 [40 CFR 63.116(a)(1)] Conduct a visible emission test using the techniques specified in 40 CFR 63.11(b)(4). Subpart G. [40 CFR 63.116(a)(1)]
- 123 [40 CFR 63.116(a)(2)] Determine the net heating value of the gas being combusted using the techniques specified in 40 CFR 63.11(b)(6). Subpart G. [40 CFR 63.116(a)(2)]
- 124 [40 CFR 63.116(a)(3)] Determine the exit velocity using the techniques specified in either 40 CFR 63.11(b)(7)(i) or 63.11(b)(8), as appropriate. Subpart G. [40 CFR 63.116(a)(3)]
- 125 [40 CFR 63.117(a)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]
- 126 [40 CFR 63.118(a)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.118(a)(1) through (a)(4). Subpart G. [40 CFR 63.118(a)]
- 127 [LAC 33:III.1105] Opacity \leq 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.
Which Months: All Year Statistical Basis: None specified
- 128 [LAC 33:III.1105] Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:I.3923. Notification is required only if the upset cannot be controlled in six hours.

EQT 0068 7000-10A.1 - Diluent Tank

- 129 [LAC 33:III.2103.E.1] VOC, Total \geq 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.
Which Months: All Year Statistical Basis: None specified
- 130 [LAC 33:III.2103.E] Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.
- 131 [LAC 33:III.2103.H.3] Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
- 132 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0069 7000-10A.2 - Pentane Tank

- 133 [LAC 33:III.2103.E.1] VOC, Total \geq 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.
Which Months: All Year Statistical Basis: None specified

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EQT 0069 7000-10A.2 - Pentane Tank

- 134 [LAC 33:III.2103.E] Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.
- 135 [LAC 33:III.2103.H.3] Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
- 136 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0071 7000-10A.4 - Flare Tank Separator

- 137 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emissions from this source are controlled by EQT067, Monomer Flare (Source ID No. 7000-10A) which is determined as MACT.

EQT 0072 7000-10A.5 - Mole Sieve Vent

- 138 [40 CFR 63.113(a)(1)] Reduce emissions of organic HAP using a flare. Do not vent halogenated vent streams to a flare. Subpart G. [40 CFR 63.113(a)(1)]
- 139 [40 CFR 63.117(a)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]
- 140 [40 CFR 63.118(a)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.118(a)(1) through (a)(4). Subpart G. [40 CFR 63.118(a)]

EQT 0073 7000-10A.6 - Mole Sieve Regeneration Gas

- 141 [LAC 33:III.2115.A] Nonhalogenated hydrocarbon burning: Temperature \geq 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent.
Which Months: All Year Statistical Basis: None specified
- 142 [LAC 33:III.2115.I] Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate.
- 143 [LAC 33:III.2115.J.1] Demonstrate compliance with LAC 33:III.2115 as requested by DEQ.
- 144 [LAC 33:III.2115.J.2] Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e.
- 145 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
- 146 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emissions from this source are controlled by EQT067, Monomer Flare (Source ID No. 7000-10A) which is determined as MACT.

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EQT 0081 1-93 - LPC Emergency Flare

- 147 [LAC 33:III.1105] Opacity \leq 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.
Which Months: All Year Statistical Basis: None specified
- 148 [LAC 33:III.1105] Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:I.3923. Notification is required only if the upset cannot be controlled in six hours.
- 149 [LAC 33:III.1107] Submit report: Due in writing to the Office of Environmental Compliance, Emergency and Radiological Services Division, SPOC, within seven calendar days after startup or shutdown, if flaring was not the result of failure to maintain or repair equipment. Submit report if requesting exemption from the provisions of LAC 33:III.1105. Explain the conditions and duration of the startup or shutdown and list the steps necessary to remedy, prevent and limit the excess emissions. Minimize flaring and ensure that no ambient air quality standards are jeopardized.
- 150 [LAC 33:III.927] The permitted emissions from this flare are from the pilot flame only. Any venting to this flare shall be considered an unauthorized discharge and shall be reported in accordance with LAC 33:I.Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges.

EQT 0100 1110-25A.1 - PTZ/NMP Make-up Tank (110-25A) Manhole Vent

- 151 [LAC 33:III.1311.C] Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

EQT 0102 1110-26A - DCB Chlorinator

- 152 [40 CFR 63.2465(b)] If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must determine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
- 153 [40 CFR 63.2520] The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
- 154 [40 CFR 63.2525] The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
- 155 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0104 1110-26C - MD Condenser

- 156 [40 CFR 63.2465(b)] If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must determine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
- 157 [40 CFR 63.2520] The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
- 158 [40 CFR 63.2525] The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.

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EQT 0104 1110-26C - MD Condenser

- 159 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0105 1110-26D - MD Separator

- 160 [40 CFR 63.2465(b)] If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must determine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
- 161 [40 CFR 63.2520] The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
- 162 [40 CFR 63.2525] The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
- 163 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0106 1110-26E - MD Bubble Column

- 164 [40 CFR 63.2465(b)] If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must determine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
- 165 [40 CFR 63.2520] The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
- 166 [40 CFR 63.2525] The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
- 167 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0107 1110-26F - MD Pre-reactor

- 168 [40 CFR 63.2465(b)] If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must determine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
- 169 [40 CFR 63.2520] The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
- 170 [40 CFR 63.2525] The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
- 171 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

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EQT 0108 1110-26G - ACR Chlorinator Separator

- 172 [40 CFR 63.2465(b)] If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must determine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
- 173 [40 CFR 63.2520] The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
- 174 [40 CFR 63.2525] The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
- 175 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0109 1110-26H - ACR Chlorinator

- 176 [40 CFR 63.2465(b)] If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must determine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
- 177 [40 CFR 63.2520] The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
- 178 [40 CFR 63.2525] The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
- 179 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0114 1110-26 - ACR Process Vent

- 180 [40 CFR 63.2465(b)] If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must determine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
- 181 [40 CFR 63.2520] The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
- 182 [40 CFR 63.2525] The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
- 183 [LAC 33:III.2115.K] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0115 - DCB Refining JVC Effluent Stream

- 184 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

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EQT 0116 - ISOM JVC Effluent Stream

185 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0117 - Caustic Scrubber Letdown

186 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0118 - Water Layer Tank Letdown

187 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0119 - CD Brine

188 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0120 - Power Area Mole Sieve Header Knock Out Pot Flush Water

189 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0121 - Flare Stack Knock Out Pot Water

190 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0122 - Butadiene Sphere Wash Water

191 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0123 - Hydroblasting Wash Water

192 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0125 - Water Washings of Columns and Equipment

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EQT 0125 - Water Washings of Columns and Equipment

- 193 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0127 - 1192 Cleaning Blasting Pad Water

- 194 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0128 - Greenhouse Sump Water

- 195 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0131 - Primary & Secondary CD Decanter NaCl Brine Water

- 196 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0132 - Water Floatout of CD Reactors

- 197 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

FUG 0001 3-91 - Chloroprene Unit - Fugitive Emissions

- 198 [40 CFR 63.162(c)] Identify each piece of equipment in a process unit such that it can be distinguished readily from equipment that is not subject to 40 CFR 63 Subpart H. Subpart H. [40 CFR 63.162(c)]
- 199 [40 CFR 63.162(f)] Clearly identify leaking equipment, for leaking equipment detected as specified in 40 CFR 63.163, 40 CFR 63.164, 40 CFR 63.168, 40 CFR 63.169, and 40 CFR 63.172 through 63.174. The identification may be removed after the equipment is repaired, except for valves or for connectors subject to 40 CFR 63.174(c)(1)(i). The identification on a valve may be removed after it has been monitored as specified in 40 CFR 63.168(f)(3) and 63.175(e)(i)(D), and no leak has been detected during the follow-up monitoring. If electing to comply using the provisions of 40 CFR 63.174(c)(1)(i), the identification on a connector may be removed after it is monitored as specified in 40 CFR 63.174(c)(1)(i) and no leak is detected during that monitoring. Subpart H. [40 CFR 63.162(f)]
- 200 [40 CFR 63.163(b)(1)] Pumps in light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, except as provided in 40 CFR 63.162(b) and 63.163(e) through (j). If a reading of 10,000 ppm (phase I); 5,000 ppm (phase II); or 5,000 ppm (phase III, pumps handling polymerizing monomers), 2,000 ppm (phase III, pumps in food/medical service), or 1,000 ppm (phase III, all other pumps) or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(1)]
- Which Months: All Year Statistical Basis: None specified

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FUG 0001 3-91 - Chloroprene Unit - Fugitive Emissions

- 201 [40 CFR 63.163(b)(3)] Pumps in light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate the repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(3)]
Which Months: All Year Statistical Basis: None specified
- 202 [40 CFR 63.163(c)] Pumps in light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.163(c)(3) and 40 CFR 63.171. Subpart H. [40 CFR 63.163(c)]
- 203 [40 CFR 63.163(d)(2)] Pumps in light liquid service: Implement a quality improvement program for pumps that complies with the requirements of 40 CFR 63.176, if, in Phase III, calculated on a 6-month rolling average, the greater of either 10 percent of the pumps in a process unit or three pumps in a process unit leak. Subpart H. [40 CFR 63.163(d)(2)]
- 204 [40 CFR 63.163(d)(4)] Pumps in light liquid service: Determine percent leaking pumps using the equation in 40 CFR 63.163(d)(4). Subpart H. [40 CFR 63.163(d)(4)]
- 205 [40 CFR 63.163(e)(1)] Pumps in light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(1)]
- 206 [40 CFR 63.163(e)(2)] Pumps in light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid service. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(2)]
- 207 [40 CFR 63.163(e)(3)] Pumps in light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(3)]
- 208 [40 CFR 63.163(e)(4)] Pumps in light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquid dripping from the pump seal at the time of the weekly inspection, monitor the pump as specified in 40 CFR 63.180(b) to determine if there is a leak of organic HAP in the barrier fluid. If an instrument reading of 1,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(4)]
Which Months: All Year Statistical Basis: None specified
- 209 [40 CFR 63.163(e)(6)(i)] Pumps in light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)(i)]
- 210 [40 CFR 63.163(e)(6)] Pumps in light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)]

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- 211 [40 CFR 63.163(e)] Pumps in light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the pump is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.163(e)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)]
Which Months: All Year Statistical Basis: None specified
- 212 [40 CFR 63.163(j)(1)] Pumps in light liquid service (unsafe-to-monitor): Determine that the pump is unsafe-to-monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.163(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(1)]
- 213 [40 CFR 63.163(j)(2)] Pumps in light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the pump as frequently as practicable during safe-to-monitor times but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(2)]
Which Months: All Year Statistical Basis: None specified
- 214 [40 CFR 63.164(a)] Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided in 40 CFR 63.162(b) and 40 CFR 63.164(h) and (i). Subpart H. [40 CFR 63.164(a)]
- 215 [40 CFR 63.164(b)] Compressors: Operate the seal system with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure; or equip with a barrier fluid system degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid directly into a process stream. Subpart H. [40 CFR 63.164(b)]
- 216 [40 CFR 63.164(c)] Compressors: Ensure that the barrier fluid is not in light liquid service. Subpart H. [40 CFR 63.164(c)]
- 217 [40 CFR 63.164(d)] Compressors: Equip each barrier fluid system as described in 40 CFR 63.164(a) through (c) with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart H. [40 CFR 63.164(d)]
- 218 [40 CFR 63.164(e)(2)] Compressors (sensor): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both. Subpart H. [40 CFR 63.164(e)(2)]
- 219 [40 CFR 63.164(g)] Compressors: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.164(g)]
- 220 [40 CFR 63.164(i)(2)] Compressors (no detectable emissions): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Comply with this requirement instead of the requirements in 40 CFR 63.164(a) through (h). Subpart H. [40 CFR 63.164(i)(2)]
Which Months: All Year Statistical Basis: None specified
- 221 [40 CFR 63.164] Compressors (sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an alarm, unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined under 40 CFR 63.164(e)(2), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.164(g). Subpart H.
Which Months: All Year Statistical Basis: None specified

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- 222 [40 CFR 63.165(a)] Pressure relief device in gas/vapor service: Organic HAP < 500 ppm above background except during pressure releases, as determined by the method specified in 63.180(c). Subpart H. [40 CFR 63.165(a)]
Which Months: All Year Statistical Basis: None specified
- 223 [40 CFR 63.165(b)(1)] Pressure relief devices in gas/vapor service: After each pressure release, return to a condition indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.165(b)(1)]
- 224 [40 CFR 63.165(b)(2)] Pressure relief devices in gas/vapor service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) after the pressure release and being returned to organic HAP service, to confirm the condition indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in 40 CFR 63.180(c). Subpart H. [40 CFR 63.165(b)(2)]
Which Months: All Year Statistical Basis: None specified
- 225 [40 CFR 63.165(d)(2)] Pressure relief devices in gas/vapor service (rupture disk): After each pressure release, install a new rupture disk upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.165(a) and (b). Subpart H. [40 CFR 63.165(d)(2)]
- 226 [40 CFR 63.166] Sampling connection systems: Equip with a closed-purge, closed-loop, or closed-vent system, except as provided in 40 CFR 63.162(b). Operate the system as specified in 40 CFR 63.166(b). Subpart H.
- 227 [40 CFR 63.167] Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve, except as provided in 40 CFR 63.162(b) and 40 CFR 63.167(d) and (e). Ensure that the cap, blind flange, plug or second valve seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair. Operate each open-ended valve or line equipped with a second valve in a manner such that the valve on the process fluid end is closed before the second valve is closed. Subpart H.
- 228 [40 CFR 63.168(c)] Valves in gas/vapor service or light liquid service (Phase I): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)]
Which Months: All Year Statistical Basis: None specified
- 229 [40 CFR 63.168(c)] Valves in gas/vapor service or light liquid service (Phase II): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)]
Which Months: All Year Statistical Basis: None specified
- 230 [40 CFR 63.168(d)(1)] Valves in gas/vapor service or light liquid service (Phase III, 2 percent or greater leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly, as specified in 40 CFR 63.180(b); or implement a quality improvement program for valves that complies with the requirements of 40 CFR 63.175 and monitor quarterly. If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). If electing to implement a quality improvement program, follow the procedures in 40 CFR 63.175. Subpart H. [40 CFR 63.168(d)(1)]
Which Months: All Year Statistical Basis: None specified

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- 231 [40 CFR 63.168(d)(2)] Valves in gas/vapor service or light liquid service (Phase III, less than 2 percent leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Permittee may elect to comply with the alternate standards in 40 CFR 63.168(d)(3) and (d)(4). Subpart H. [40 CFR 63.168(d)(2)]
Which Months: All Year Statistical Basis: None specified
- 232 [40 CFR 63.168(e)(1)] Valves in gas/vapor service or light liquid service: Determine percent leaking valves using the equation in 40 CFR 63.168(e)(1). Subpart H. [40 CFR 63.168(e)(1)]
- 233 [40 CFR 63.168(f)(3)] Valves in gas/vapor service or light liquid service (after leak repair): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within three months (at least) after repair to determine whether the valve has resumed leaking. Subpart H. [40 CFR 63.168(f)(3)]
Which Months: All Year Statistical Basis: None specified
- 234 [40 CFR 63.168(f)] Valves in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.168(f)]
- 235 [40 CFR 63.168(h)(1)] Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.168(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(1)]
- 236 [40 CFR 63.168(h)(2)] Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valves as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(2)]
Which Months: All Year Statistical Basis: None specified
- 237 [40 CFR 63.168(i)(1)] Valves in gas/vapor service or light liquid service (difficult-to-monitor): Demonstrate that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(1)]
- 238 [40 CFR 63.168(i)(3)] Valves in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the valves at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(3)]
Which Months: All Year Statistical Basis: None specified
- 239 [40 CFR 63.169(a)] Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) if evidence of a potential leak to the atmosphere is found by visible, audible, olfactory, or any other detection method. If a reading of 10,000 ppm for agitators, 5,000 ppm for pumps handling polymerizing monomers, 2,000 ppm for all other pumps (including pumps in food/medical service), or 500 ppm for valves, connectors, instrumentation systems, and pressure relief devices, or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.169(c). Subpart H. [40 CFR 63.169(a)]
Which Months: All Year Statistical Basis: None specified
- 240 [40 CFR 63.169(c)] Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.169(c)]

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- 241 [40 CFR 63.170] Surge control vessels and bottoms receivers: Equip with a closed-vent system that routes the organic vapors vented from the surge control vessel or bottoms receiver back to the process or to a control device that complies with the requirements of 40 CFR 63.172, except as provided in 40 CFR 63.162(b), or comply with the requirements of 40 CFR 63.119(b) or (c), if surge control vessel or bottoms receiver is not routed back to the process and meets the conditions specified in 40 CFR 63 Subpart H Table 2 or Table 3. Subpart H.
- 242 [40 CFR 63.172(f)(1)(i)] Closed-vent system (hard-piping): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(i)]
Which Months: All Year Statistical Basis: None specified
- 243 [40 CFR 63.172(f)(1)(ii)] Closed-vent system (hard-piping): Presence of a leak monitored by visual, audible, and/or olfactory annually. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(ii)]
Which Months: All Year Statistical Basis: None specified
- 244 [40 CFR 63.172(f)(2)(i)] Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(i)]
Which Months: All Year Statistical Basis: None specified
- 245 [40 CFR 63.172(f)(2)(ii)] Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(ii)]
Which Months: All Year Statistical Basis: None specified
- 246 [40 CFR 63.172(h)] Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.172(i). Subpart H. [40 CFR 63.172(h)]
- 247 [40 CFR 63.172(j)(1)] Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Generate records as specified in 40 CFR 63.118(a)(3). Subpart H. [40 CFR 63.172(j)(1)]
- 248 [40 CFR 63.172(j)(2)] Closed-vent system (bypass lines): Seal or closure mechanism monitored by visual inspection/determination monthly to ensure the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass line. Subpart H. [40 CFR 63.172(j)(2)]
Which Months: All Year Statistical Basis: None specified
- 249 [40 CFR 63.172(j)(2)] Closed-vent system (bypass lines): Secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration. Subpart H. [40 CFR 63.172(j)(2)]
- 250 [40 CFR 63.172(k)(1)] Closed-vent system (unsafe-to-inspect): Demonstrate that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential dangers as a consequence of complying with 40 CFR 63.172(f)(1) or (f)(2). Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(1)]
- 251 [40 CFR 63.172(k)(2)] Closed-vent system (unsafe-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times, but not more frequently than annually. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(2)]
Which Months: All Year Statistical Basis: None specified

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- 252 [40 CFR 63.172(l)(1)] Closed-vent system (difficult-to-inspect): Demonstrate that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(1)]
- 253 [40 CFR 63.172(l)(2)] Closed-vent system (difficult-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(2)]
Which Months: All Year Statistical Basis: None specified
- 254 [40 CFR 63.172(m)] Ensure that the closed-vent system or control device is operating whenever organic HAP emissions are vented to the closed-vent system or control device. Subpart H. [40 CFR 63.172(m)]
- 255 [40 CFR 63.173(a)] Agitators in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(a)]
Which Months: All Year Statistical Basis: None specified
- 256 [40 CFR 63.173(b)] Agitators in gas/vapor service or light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar) for indications of liquids dripping from the agitator. If there are indications of liquids dripping from the agitator, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(b)]
Which Months: All Year Statistical Basis: None specified
- 257 [40 CFR 63.173(c)] Agitators in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.173(c)]
- 258 [40 CFR 63.173(d)(1)] Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the agitator stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(1)]
- 259 [40 CFR 63.173(d)(2)] Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid organic HAP service. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(2)]
- 260 [40 CFR 63.173(d)(3)] Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(3)]
- 261 [40 CFR 63.173(d)(4)] Agitators in gas/vapor service or light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the agitator seal. If there are indications of liquid dripping from the agitator seal at the time of the weekly inspection, monitor the agitator as specified in 40 CFR 63.180(b) to determine the presence of organic HAP in the barrier fluid. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(4)]
Which Months: All Year Statistical Basis: None specified

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- 262 [40 CFR 63.173(d)(6)(i)] Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)(i)]
- 263 [40 CFR 63.173(d)(6)] Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)]
- 264 [40 CFR 63.173(d)] Agitators in gas/vapor service or light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the agitator is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.173(d)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)]
Which Months: All Year Statistical Basis: None specified
- 265 [40 CFR 63.173(h)(1)] Agitators in gas/vapor service or light liquid service (difficult to monitor): Demonstrate that the agitator cannot be monitored without elevating the monitoring personnel more than two meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(1)]
- 266 [40 CFR 63.173(h)(3)] Agitators in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the agitator at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(3)]
Which Months: All Year Statistical Basis: None specified
- 267 [40 CFR 63.173(j)(1)] Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the agitator is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.173(a) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(1)]
- 268 [40 CFR 63.173(j)(2)] Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the agitator as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(2)]
Which Months: All Year Statistical Basis: None specified
- 269 [40 CFR 63.174(b)(1)] Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within 12 months after the compliance date, except as provided in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(1)]
Which Months: All Year Statistical Basis: None specified
- 270 [40 CFR 63.174(b)(2)] Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within the first 12 months after initial startup or by no later than 12 months after the date of promulgation of a specific subpart that references 40 CFR 63 Subpart H, whichever is later, except as specified in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(2)]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site

Activity Number: PER20140003

Permit Number: 3000-V5

Air - Title V Regular Permit Minor Mod

FUG 0001 3-91 - Chloroprene Unit - Fugitive Emissions

- 271 [40 CFR 63.174(b)(3)(i)] Connectors in gas/vapor service or light liquid service (0.5% or greater leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Subpart H. [40 CFR 63.174(b)(3)(i)]
Which Months: All Year Statistical Basis: None specified
- 272 [40 CFR 63.174(b)(3)(ii)] Connectors in gas/vapor service or light liquid service (less than 0.5% leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every two years. Subpart H. [40 CFR 63.174(b)(3)(ii)]
Which Months: All Year Statistical Basis: None specified
- 273 [40 CFR 63.174(c)(1)(i)] Connectors in gas/vapor service or light liquid service (opened or otherwise had the seal broken): Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 within three months after being returned to organic HAP service or when it is reconnected. If monitoring detects a leak, repair according to the provisions of 40 CFR 63.174(d), as specified, except as provided in 40 CFR 63.174(c)(1)(ii). Subpart H. [40 CFR 63.174(c)(1)(i)]
Which Months: All Year Statistical Basis: None specified
- 274 [40 CFR 63.174(c)(2)(i)] Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Comply with the requirements of 40 CFR 63.169. Subpart H. [40 CFR 63.174(c)(2)(i)]
- 275 [40 CFR 63.174(c)(2)(ii)] Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Organic HAP monitored by technically sound method within three months after being returned to organic HAP service after having been opened or otherwise had the seal broken. If monitoring detects a leak, implement repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(c)(2)(ii)]
Which Months: All Year Statistical Basis: None specified
- 276 [40 CFR 63.174(d)] Connectors in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Subpart H. [40 CFR 63.174(d)]
- 277 [40 CFR 63.174(f)(1)] Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with 40 CFR 63.174(a) through (c). Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(1)]
- 278 [40 CFR 63.174(f)(2)] Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of connectors as frequently as practicable during safe to monitor times, but not more frequently than the periodic schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(2)]
Which Months: All Year Statistical Basis: None specified
- 279 [40 CFR 63.174(g)] Connectors in gas/vapor service or light liquid service (unsafe-to-repair): Demonstrate that repair personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.174(d). Comply with this requirement instead of the requirements in 40 CFR 63.174(a), (d), and (e). Subpart H. [40 CFR 63.174(g)]
- 280 [40 CFR 63.174(h)(2)] Connectors in gas/vapor service or light liquid service (inaccessible, ceramic, or ceramic-lined): Make a first attempt at repair within 5 days after leak is detected by visual, audible, olfactory or other means, and complete repairs no later than 15 calendar days after leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Comply with this requirement instead of the monitoring requirements of 40 CFR 63.174(a) and (c) and from the recordkeeping and reporting requirements of 40 CFR 63.181 and 63.182. Subpart H. [40 CFR 63.174(h)(2)]
- 281 [40 CFR 63.174(i)] Connectors in gas/vapor service or light liquid service: Calculate percent leaking connectors as specified in 40 CFR 63.174(i)(1) and (i)(2). Subpart H. [40 CFR 63.174(i)]